PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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		NEW ASSIGNMENT					
NATURE OF CONVE	YANCE:	ASSIGNMENT					
CONVEYING PARTY	CONVEYING PARTY DATA						
	Name Execution Date						
Harold W Boone			04/10/2007				
James C Stevens			04/10/2008				
RECEIVING PARTY I	DATA						
Name:	Dow Global Tech	nologies LLC					
Street Address:	2040 Dow Center						
City:	Midland						
State/Country:	MICHIGAN						
Postal Code:	48674						
PROPERTY NUMBE	RS Total: 1						
Property Type Number							
Application Number:	125	98833					
CORRESPONDENCE	E DATA						
		78					
Fax Number:	(979)238-08	78 when the fax attempt is unsuccessful.					
Fax Number:	(979)238-08	when the fax attempt is unsuccessful.					
Fax Number: <i>Correspondence will</i> Phone: Email:	(979)238-08 <i>be sent via US Mail</i> 979-238-108 Chilcote@Do	<i>when the fax attempt is unsuccessful.</i> 7 ow.com					
Fax Number: <i>Correspondence will</i> Phone: Email: Correspondent Name	(979)238-08 be sent via US Mail 979-238-108 Chilcote@Do : Jenna Chilco	<i>when the fax attempt is unsuccessful.</i> 7 ow.com ote					
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Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	(979)238-08 be sent via US Mail 979-238-108 Chilcote@Do 2301 N. Braz 118A Freeport, TE	when the fax attempt is unsuccessful. 7 pw.com pte zosport Blvd XAS 77541					

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FORM 110 (R 5.97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

five verily believe I am/we are the original, first and solc/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: TACTIC POLYMER POLYMERIZATION PROCESS USING CHIRAL CATALYSTS

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow Global Technologies Inc. Washington Street, 1790 Building Midland, Michigan 48674 United States of America

a corporation organized and existing under the laws of the State of Delaware (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

	P.1.1.		
Priority Number			
	Filing Date	3 · · · · ·	
		Filing Country	
MI2007A000878			
	May 2, 2007		
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of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I'we do hereby agree to assist Assignce in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereou, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I/we do hereby authorize Assignce or its designee (or nominee(s)) to insert here any corresponding equivalent Application Number, Filing Date, and Filing County

	A second s		
Application Number	E32 5		
	Filing Date	Filing Country	
		Pling Country	
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to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. Uwe authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignce; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Freeport, Texas 77541, USA	At: A Freeport, Texas 77541 LISA
this 10 day of Mar, 1, 20 07	
Effective as of May 2, 2007	
Signature: Munder W Stuff of Full Name: Harold W. Boone Residence: 7802 Silver Pond Drive Sugar Land, Texas 77479 UNITED STATES OF AMERICA Country: United States of America Citizenship: United States of America P.O. Address: Same as residence Employed By: The Dow Chemical Company Of Country: United States of America	Effective as of May 2, 2007 Signature: Full Name: Jarres C. Stevens Residence: 2026 Pecan Trail Drive Richmond, Texas 77469 UNITED STATES OF AMERICA Country: United States of America Citizenship: United States of America P.O. Address: Same as residence Employed By: The Dow Chemical Company Of Country: United States of America
At:	
this day of 20	At:
	this day of, 20
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Country:	Country:
Citizenship:	Citizenship:
P.O. Address:	P.O. Address:
Employed By:	Employed By:
Of Country:	Of Country:

() Additional names and signatures are attached.

FORM 220 NOTARIAL CERTIFICATE (Individual) UNITED STATES OF AMERICA) STATE OF TEXAS SS County/Parish of Brazoria) On this 10 day of _____, 20___, personally appeared before me, Harold W. Boone known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. A HARDER BUILDER HARDER Janny Jupp CH-. NOTARIAL CERTIFICATE (Individual) UNITED STATES OF AMERICA) STATE OF TEXAS SS) County/Parish of Brazoria On this 10 day of ___, 20___, personally appeared before me, James C. Stevens known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. and the second s



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First Assigned Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC. 2040 Dow Center Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: April 10, 2007

From, the ASSIGNOR: Harold W. Boone, 7802 Silver Pond Drive, Sugar Land, Texas 77479, United States of America, Citizen of United States of America and James C. Stevens, 2026 Pecan Trail Drive, Richmond, Texas 77469, United States of America, Citizen of United States of America

of the invention entitled:

TACTIC POLYMER POLYMERIZATION PROCESS USING CHIRAL CATALYSTS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at	Midland, Michigan 48674, U	JSA		
thiş 2	day of June	. 20 _	<u>CE</u>	
	DOW GI	6 BAL TECHNO	LOGIES INC.	
COF	,		\	
SEA	Ву[]/	b. Ala	An	
		VB. TREANGE		
I	NOTARIAL CERT	IFICATE	(Corporation))
UNITED S	TATES OF AMERICA			
		SS		
County/Par	ish of Midland			
On this	2 day of June	, 20	\underline{CF} , personally	appeared
before me, ,	JOHN B. TREANGEN, Author	ized Representat	ive,	
known or ider and acknowle	ntified to me to be the individual d dged the same as a free act and do the said Corporation incorporated in	lescribed in and w eed for uses and p	ho executed the foregoir urposes therein expressed	d by
I further certif	fy that said authority, dated Augu	st 30, 2007. is bas	ed on	
A delegation	of simplify another it still f	amanatian		

A delegation of signature authority of said Corporation

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

Kathy Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012

PATENT REEL: 026461 FRAME: 0875

Delaware

PAGE 2

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "DOW GLOBAL TECHNOLOGIES LLC" FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF DECEMBER, A.D. 2010, AT 10:40 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.



Jeffrey W. Bullock, Secretary of State AUTHENT CATION: 8457755

DATE: 12-29-10

PATENT REEL: 026461 FRAME: 0876

101227862 You may verify this certificate online at corp.delaware.gov/authver.shtml

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P.2/3 State of Delaware State of felaware Secretary of State Division of Corporations Delivered 10:40 AM 12/23/2010 FILED 10:40 AM 12/23/2010 SRV 101227862 - 2332072 FILE

Certificate of Formation

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Dow Global Technologies LLC

This Certificate of Formation of Dow Global Technologies LLC has been duly executed and is being filed by Noreen D. Warrick, as an authorized representative, to form a limited liability company under the Delaware Limited Liability Company Act (6 Del.C. \$18-101, ct seq.).

1. The name of the limited liability company is:

Dow Global Technologies LLC

- The address of the limited liability company's registered office in the State of 2. Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of the limited liability company's registered agent for service of process in the State of Delaware at such address is the Corporation Trust Company.
- The effective date for the formation of this limited liability company is December 3. 31, 2010.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation of Dow Global Technologics LLC this 23 day of December, 2010.

Noreen Marrick

Noreen D. Warrick Authorized Representative

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "DOW GLOBAL TECHNOLOGIES INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "DOW GLOBAL TECHNOLOGIES INC." TO "DOW GLOBAL TECHNOLOGIES LLC", FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF DECEMBER, A.D. 2010, AT 10:40 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.



2332072

101227862

Jeffrey W. Bullock, Secretary of State AUTHENTICATION: 8457755

DATE: 12-29-10

PATENT **REEL: 026461 FRAME: 0878**

P.3/3

Certificate of Conversion of Dow Global Technologies Inc. (a Delaware corporation) to Dow Global Technologies LLC (a Delaware limited liability company)

Pursuant to Section 18-214 of the Limited Liability Company Act

Dow Global Technologies Inc., a Delaware corporation (the "Corporation"), files this Certificate of Conversion (the "Certificate") and hereby certifies the following:

1. The jurisdiction where the Corporation was first formed is Delaware.

2. The jurisdiction immediately prior to filing this Certificate is Delaware.

3. The date the Corporation was first formed is April 6, 1993.

4. The name of the Corporation immediately prior to filing this Certificate is Dow Global Technologies Inc.

5. The name of the limited liability company as set forth in the Certificate of Formation is Dow Global Technologies LLC.

6. The future effective date of the conversion to a limited liability company is December 31, 2010.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the $\frac{23^{12}}{23}$ day of December, 2010.

Dow Global Technologies Inc.

By: <u>Moreen D. Warrick</u> Name: Noreen D. Warrick

Name: Noreen D. War Title: Secretary

RECORDED: 06/17/2011